

Summary

An arrangement for continuously making reinforced hose-shaped structures (1) having: a conveying unit for continuously driving a row of sequential cylindrical mandrels (5), which are coupled to each other, in a conveying direction (X) and for returning individual mandrels (5) to the manufacturing start; at least one extrusion unit (4) for applying a rubber or plastic layer (2) to the periphery of the mandrels (5); at least one unit for applying at least one reinforcement layer (3); a separating device (13) for cutting the reinforced hose-shaped structures (1) at the connecting location of mutually adjoining mandrels (5) and a strip-off device (14) for stripping off the cut reinforced hose-shaped structures (1) from the individual mandrels (5).

The mandrels (5) are rigid and are coupled to each other in such a manner that, in each case, a peripherally-extending cutting zone (S) of a material, which is different to the mandrel (5), is provided between the abutting surfaces of mutually adjoining mandrels (5). The arrangement is so aligned that a vulcanization of the reinforced hose-shaped structures (1) takes place only at after the strip off.

Reference to FIG. 1